

June 06, 2018

City of Eureka 4301 Hilfiker Lane Eureka, CA 95503

Attn: David Adams

RE: Pacific Choice

#### SAMPLE IDENTIFICATION

Fraction	Client Sample Description
01A	Outfall 001
01B	Outfall 001

Order No.: 1805450 Invoice No.: 140321 PO No.: 118076

ELAP No.1247-Expires July 2018

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

Flag = Explanation in Case Narrative All solid results are expressed on a wetweight basis unless otherwise noted.

Approved for release by:

Roxanne Moore, Project Manager

**Date:** 06-Jun-2018 **WorkOrder:** 1805450

#### **CASE NARRATIVE**

The sample was received outside the EPA recommended temperature of less than or equal to 6° C.

**Date:** 06-Jun-2018 **WorkOrder:** 1805450 **ANALYTICAL REPORT** 

Client Sample ID: Outfall 001 Received: 5/30/2018

**Lab ID:** 1805450-01A **Collected:** 5/30/2018 9:10

Test Name: Hexane Extractable Oil and Grease Reference: EPA 1664B

 Parameter
 Result oil and Grease
 Flag structed oil and Grease
 Limit of the parameter oil and the parame

Client Sample ID: Outfall 001 Received: 5/30/2018

**Lab ID:** 1805450-01B **Collected:** 5/30/2018 9:10

Test Name: Biochemical Oxygen Demand Reference: SM 5210B, 2001. Revs 2011

ParameterResultFlagLimitUnitsDFExtractedAnalyzedBiochemical Oxygen Demand2,2002.0mg/L1.05/30/2018

Test Name: Non-Filterable Residue (TSS) Reference: SM 2540D, 1997. Revs 2011

ParameterResultFlagLimitUnitsDFExtractedAnalyzedNon-Filterable Residue(TSS)4101.0mg/L1.06/3/2018

#### North Coast Laboratories, Ltd.

Date: 6/6/2018

Method Blank

CLIENT:

Sample ID MBLK

Oil and Grease

Client ID:

Analyte

City of Eureka

Work Order: 1805450

Pacific Choice Project:

**QC SUMMARY REPORT** 

Analysis	Date <b>5/31</b>	2018 9:00:00 AM	Prep Da	ate <b>5/30/201</b> 8	8
SeqNo:	13612	218			
owLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID	MBLK
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Batch ID: **R95676** 

Batch ID: R95662

Test Code: NFRW Run ID:

Test Code: 1664GOW

Run ID:

Limit

5.0

Units: mg/L WC\_180603A

SPK value SPK Ref Val

SPK value SPK Ref Val

Units: mg/L

Analysis Date 6/3/2018 9:45:00 AM SeqNo: 1361461

% Rec LowLimit HighLimit RPD Ref Val

Prep Date

Client ID: Analyte

Qualifiers:

ND

Limit 1.0

WC\_180530H

% Rec LowLimit HighLimit RPD Ref Val

RPDLimit

Qual

%RPD

Non-Filterable Residue(TSS)

Result

Result

ND

ND - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

J - Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

Page 1 of 1

S - Spike Recovery outside accepted recovery limits

### North Coast Laboratories, Ltd.

Date: 6/6/2018

CLIENT:

City of Eureka

Work Order:

1805450

Project:

Pacific Choice

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Laboratory Control Spike

Sample ID LCS	Batch ID: <b>R95662</b>	Test Code:	1664GOW	Units: mg/L		Analysis	Date <b>5/31</b>	/2018 9:00:00 AM	Prep Da	ate <b>5/30/201</b>	8
Client ID:		Run ID:	WC_180530H	i		SeqNo:	1361	219			
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease	39.80	5.0	40.0	0	99.5%	80	107	0			
Sample ID LCSD	Batch ID: <b>R95662</b>	Test Code:	1664GOW	Units: mg/L		Analysis	Date <b>5/31</b>	/2018 9:00:00 AM	Prep Da	ate <b>5/30/201</b>	8
Client ID:		Run ID:	WC_180530H	ı		SeqNo:	1361	220			
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil and Grease	39.90	5.0	40.0	0	99.8%	80	107	39.8	0.251%	18	

R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

#### North Coast Laboratories, Ltd.

CLIENT: City of Eureka

**QC SUMMARY REPORT** 

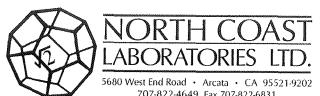
BOD Organic Standard

Date: 6/6/2018

Work Order:	1805450
Project:	Pacific Choice

Sample ID ORG STD	Batch ID: <b>R95701</b>	Test Code:	BODW	Units: mg/L	y/L Analysis Date 5/30/2018 10:00:00 AM				Prep Date			
Client ID:		Run ID:	WC_180530L			SeqNo:	13618	849				
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	
Biochemical Oxygen Demand	210.0	2.0	200	0	105%	85	115	0				

R - RPD outside accepted recovery limits



# **Chain of Custody**

P	•	1	of	1

100 CU 50

5680 West End Road															1800 ,
/0/-822-46	549 Fax 707-822-683	31													LABORATORY NUMBER:
Attention: David Adams  Results & Invoice to: City of Eurel Address: 4301 Hilfiker Lane., Eure		ol		PRESERVATIVE	q										TAT: ☑ STD(2-3 Wk) ☐ Other: PRIOR AUTHORIZATION IS REQUIRED FOR RUSH SAMPLES.
e-results to: sourcecontrol@ci.eure Phone: (707) 441-4362 Copies of Report to: Pacific Choi 1 Commercial St. Eureka CA 9500	ce Seafood-atte	ntion Rick	Harris	CONTAINER	7	-									REPORTING REQUIREMENTS:  State Forms Geotracker SWAMP Other EDD: Final Report PDF FAX By:
PROJECT INI Project Number: Project Name: Pacific Choice Purchase Order Number:// &	FORMATION SOTE			ANALYSIS	1111	BOD/TSS								Company of the second of the s	CONTAINER CODES: 1—½ gal. pl; 2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—40 ml VOA; 9—60 ml VOA; 10—125 ml VOA;11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other <b>PRESERVATIVE CODES:</b> a—HNO <sub>3</sub> ; b—HCl; c—H <sub>2</sub> SO <sub>4</sub> ; d—Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; e—NaOH; f—C <sub>2</sub> H <sub>3</sub> O <sub>2</sub> Cl; g—other
LABID SAMPLEID Outfall 001	05/30/18	0910	MATRIX*		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \										SAMPLE CONDITION/SPECIAL INSTRUCTIONS  8.4
RELINQUISHED BY (Sign &		DATE/TIM		Je	RE	CEI	VED I	BY (S	ign)	******************************		1	<b>E/TI</b> / 30/	2	SAMPLE DISPOSAL  ☑ NCL Disposal of Non-Contaminated  ☐ Return ☐ Pickup  CHAIN OF CUSTODY SEALS Y/N/NA

## ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

SHIPPED VIA: UPS Fed-Ex Hand

<sup>\*</sup>MATRIX: DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; WW=Waste Water; S=Soil; O=Other.